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## Inventor Name Search Result

Your Search was:

Last Name = XIN

First Name = JUN

Application#	Patent#	Status	Date Filed	Title	Inventor Name
<a href="#">09561686</a>	<a href="#">6621935</a>	150	05/01/2000	SYSTEM AND METHOD FOR ROBUST IMAGE REPRESENTATION OVER ERROR-PRONE CHANNELS	XIN, JUN
<a href="#">09812203</a>	Not Issued	161	03/19/2001	Curved fuel injector nozzle orifice	XIN, JUN
<a href="#">09824974</a>	<a href="#">6363893</a>	150	04/03/2001	WATER JACKET FOR MULTI-CYLINDER INTERNAL COMBUSTION ENGINE	XIN, JUN
<a href="#">10625364</a>	Not Issued	41	07/23/2003	System and method for robust image representation over error-prone channels	XIN, JUN
<a href="#">10791203</a>	Not Issued	41	03/02/2004	System and method for joint de-interlacing and down-sampling using adaptive frame and field filtering	XIN, JUN
<a href="#">10829695</a>	<a href="#">7032547</a>	150	04/22/2004	CYLINDER BLOCK COOLING ARRANGEMENT FOR MULTI-CYLINDER INTERNAL COMBUSTION ENGINE	XIN, JUN
<a href="#">10858109</a>	Not Issued	30	06/01/2004	Transcoding videos based on different transformation kernels	XIN, JUN
<a href="#">10858162</a>	Not Issued	30	06/01/2004	Selecting macroblock coding modes for video encoding	XIN, JUN
<a href="#">11015390</a>	Not Issued	30	12/17/2004	Multiview video decomposition and encoding	XIN, JUN
<a href="#">11292167</a>	Not Issued	30	11/30/2005	Method and system for synthesizing multiview videos	XIN, JUN
<a href="#">11292168</a>	Not Issued	30	11/30/2005	Method for randomly accessing multiview videos	XIN, JUN
<a href="#">11292393</a>	Not Issued	30	11/30/2005	Method and system for managing reference pictures in multiview videos	XIN, JUN

<a href="#">11301928</a>	Not Issued	30	12/13/2005	Adaptive complexity control for motion estimation during video encoding	XIN, JUN
<a href="#">11367054</a>	Not Issued	30	03/02/2006	Mode decision for intra video encoding	XIN, JUN
<a href="#">11385620</a>	Not Issued	30	03/21/2006	Method and system for randomly accessing multiview videos with known prediction dependency	XIN, JUN
<a href="#">11696937</a>	Not Issued	25	04/05/2007	Method and System for Mapping Motion Vectors between Different Size Blocks	XIN, JUN
<a href="#">60169066</a>	Not Issued	159	12/03/1999	ROBUST IMAGE REPRESENTATION OVER ERROR- PRONE CHANNELS	XIN, JUN
<a href="#">60430086</a>	Not Issued	159	12/02/2002	HDTV to SDTV spatial transcoder	XING, JUN

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**Inventor Name Search Result**

Your Search was:

Last Name = LI

First Name = SHIPENG

Application#	Patent#	Status	Date Filed	Title	Inventor Name
<a href="#">08884338</a>	<a href="#">6310972</a>	150	06/27/1997	SHAPE ADAPTIVE TECHNIQUE FOR IMAGE AND VIDEO COMPRESSION	LI, SHIPENG
<a href="#">08884440</a>	<a href="#">6144771</a>	150	06/27/1997	METHOD AND APPARATUS FOR ENCODING AND DECODING IMAGES	LI, SHIPENG
<a href="#">09127450</a>	Not Issued	161	07/31/1998	METHOD AND APPARATUS FOR INCREASING MEMORY RESOURCE UTILIZATION IN AN INFORMATION STREAM DECODER	LI, SHIPENG
<a href="#">09127451</a>	<a href="#">6125147</a>	150	07/31/1998	METHOD AND APPARATUS FOR REDUCING BREATHING ARTIFACTS IN COMPRESSED VIDEO	LI, SHIPENG
<a href="#">09153717</a>	<a href="#">6374280</a>	150	09/15/1998	COMPUTATIONALLY EFFICIENT INVERSE DISCRETE COSINE TRANSFORM METHOD AND APPARATUS	LI, SHIPENG
<a href="#">09234249</a>	<a href="#">6704358</a>	150	01/20/1999	METHOD AND APPARATUS FOR RESIZING IMAGE INFORMATION	LI, SHIPENG
<a href="#">09238562</a>	<a href="#">6360204</a>	150	01/28/1999	METHOD AND APPARATUS FOR IMPLEMENTING ROUNDING IN DECODING AN AUDIO SIGNAL	LI, SHIPENG
<a href="#">09286972</a>	<a href="#">6222944</a>	150	04/06/1999	DOWN-SAMPLING MPEG IMAGE DECODER	LI, SHIPENG
<a href="#">09312797</a>	Not Issued	122	05/17/1999	METHOD AND APPARATUS FOR GENERIC SCALABLE SHAPE CODING	LI, SHIPENG
<a href="#">09391058</a>	<a href="#">6459814</a>	150	09/07/1999	METHOD AND APPARATUS	LI, SHIPENG

				FOR GENERIC SCALABLE SHAPE CODING BY DERIVING SHAPE INFORMATION FOR CHROMINANCE COMPONENTS FROM LUMINANCE COMPONENT	
<u>09454489</u>	<u>6614936</u>	150	12/03/1999	SYSTEM AND METHOD FOR ROBUST VIDEO CODING USING PROGRESSIVE FINE- GRANULARITY SCALABLE (PFGS) CODING	LI, SHIPENG
<u>09468985</u>	<u>6785329</u>	150	12/21/1999	AUTOMATIC VIDEO OBJECT EXTRACTION	LI, SHIPENG
<u>09495592</u>	Not Issued	161	02/01/2000	Nonlinear video sampling rate conversion filter	LI, SHIPENG
<u>09505254</u>	<u>6700933</u>	150	02/15/2000	SYSTEM AND METHOD WITH ADVANCE PREDICTED BIT- PLANE CODING FOR PROGRESSIVE FINE- GRANULARITY SCALABLE (PFGS) VIDEO CODING	LI, SHIPENG
<u>09561686</u>	<u>6621935</u>	150	05/01/2000	SYSTEM AND METHOD FOR ROBUST IMAGE REPRESENTATION OVER ERROR-PRONE CHANNELS	LI, SHIPENG
<u>09597976</u>	<u>6597739</u>	150	06/20/2000	THREE-DIMENSIONAL SHAPE- ADAPTIVE WAVELET TRANSFORM FOR EFFICIENT OBJECT-BASED VIDEO CODING	LI, SHIPENG
<u>09599160</u>	<u>7023922</u>	150	06/21/2000	VIDEO CODING SYSTEM AND METHOD USING 3-D DISCRETE WAVELET TRANSFORM AND ENTROPY CODING WITH MOTION INFORMATION	LI, SHIPENG
<u>09599807</u>	<u>6795504</u>	150	06/21/2000	MEMORY EFFICIENT 3-D WAVELET TRANSFORM FOR VIDEO CODING WITHOUT BOUNDARY EFFECTS	LI, SHIPENG
<u>09645240</u>	<u>6400847</u>	150	08/24/2000	METHOD AND APPARATUS FOR ENCODING AND DECODING IMAGES	LI, SHIPENG
<u>09785829</u>	<u>6816194</u>	150	02/16/2001	SYSTEMS AND METHODS WITH ERROR RESILIENCE IN ENHANCEMENT LAYER BITSTREAM OF SCALABLE	LI, SHIPENG



				VIDEO CODING	
<u>09928550</u>	<u>6473528</u>	150	08/13/2001	SHAPE ADAPTIVE TECHNIQUE FOR IMAGE AND VIDEO COMPRESSION	LI, SHIPENG
<u>10007074</u>	<u>6907070</u>	150	11/08/2001	DRIFTING REDUCTION AND MACROBLOCK-BASED CONTROL IN PROGRESSIVE FINE GRANULARITY SCALABLE VIDEO CODING	LI, SHIPENG
<u>10102113</u>	Not Issued	61	03/19/2002	Peer-to-peer (P2P) communication system	LI, SHIPENG
<u>10160628</u>	<u>6654499</u>	150	06/03/2002	METHOD AND APPARATUS FOR ENCODING AND DECODING IMAGES	LI, SHIPENG
<u>10185741</u>	Not Issued	61	06/27/2002	Methods and apparatuses for use in switching between streaming video bitstreams	LI, SHIPENG
<u>10186230</u>	<u>7099954</u>	150	06/27/2002	CONGESTION CONTROL MECHANISM FOR STREAMING MEDIA	LI, SHIPENG
<u>10186284</u>	<u>7003035</u>	150	06/27/2002	VIDEO CODING METHODS AND APPARATUSES	LI, SHIPENG
<u>10186298</u>	<u>6996173</u>	150	06/27/2002	SEAMLESS SWITCHING OF SCALABLE VIDEO BITSTREAMS	LI, SHIPENG
<u>10302624</u>	<u>7088777</u>	150	11/22/2002	SYSTEM AND METHOD FOR LOW BIT RATE WATERCOLOR VIDEO	LI, SHIPENG
<u>10302653</u>	<u>7136066</u>	150	11/22/2002	SYSTEM AND METHOD FOR SCALABLE PORTRAIT VIDEO	LI, SHIPENG
<u>10385014</u>	Not Issued	94	03/10/2003	PACKETIZATION OF FGS/PFGS VIDEO BITSTREAMS	LI, SHIPENG
<u>10402882</u>	Not Issued	71	03/28/2003	Accelerating video decoding using a graphics processing unit	LI, SHIPENG
<u>10405970</u>	Not Issued	41	04/01/2003	Fully scalable encryption for scalable multimedia	LI, SHIPENG
<u>10405973</u>	Not Issued	90	04/01/2003	SCALABLE, ERROR RESILIENT DRM FOR SCALABLE MEDIA	LI, SHIPENG
<u>10444475</u>	Not Issued	71	05/23/2003	Systems and methods for peer-to-peer collaboration to enhance multimedia streaming	LI, SHIPENG
<u>10444511</u>	Not Issued	161	05/23/2003	Spatiotemporal prediction for bidirectionally predictive (B) pictures and motion vector prediction for multi-picture	LI, SHIPENG

				reference motion compensation	
<a href="#">10445310</a>	Not Issued	41	05/23/2003	Bi-level and full-color video combination for video communication	LI, SHIPENG
<a href="#">10462085</a>	Not Issued	93	06/13/2003	OPTIMIZATION TECHNIQUES FOR DATA COMPRESSION	LI, SHIPENG
<a href="#">10612441</a>	<a href="#">6956972</a>	150	07/02/2003	SYSTEM AND METHOD FOR ROBUST VIDEO CODING USING PROGRESSIVE FINE-GRANULARITY SCALABLE (PFGS) CODING	LI, SHIPENG
<a href="#">10620320</a>	<a href="#">7154952</a>	150	07/15/2003	TIMESTAMP-INDEPENDENT MOTION VECTOR PREDICTION FOR PREDICTIVE (P) AND BIDIRECTIONALLY PREDICTIVE (B) PICTURES	LI, SHIPENG
<a href="#">10625364</a>	Not Issued	41	07/23/2003	System and method for robust image representation over error-prone channels	LI, SHIPENG
<a href="#">10658839</a>	Not Issued	41	09/09/2003	Low complexity real-time video coding	LI, SHIPENG
<a href="#">10674932</a>	Not Issued	41	09/30/2003	Low-complexity 2-power transform for image/video compression	LI, SHIPENG
<a href="#">10685234</a>	Not Issued	41	10/14/2003	Digital rights management system	LI, SHIPENG
<a href="#">10725762</a>	Not Issued	30	12/01/2003	Enhancement layer switching for scalable video coding	LI, SHIPENG
<a href="#">10733876</a>	Not Issued	123	12/10/2003	Color space coding framework	LI, SHIPENG
<a href="#">10736955</a>	Not Issued	41	12/15/2003	Enhancement layer transcoding of fine-granular scalable video bitstreams	LI, SHIPENG
<a href="#">10749975</a>	Not Issued	71	12/30/2003	Scalable video transcoding	LI, SHIPENG
<a href="#">10837315</a>	Not Issued	30	04/30/2004	Mechanism for controlling a decentralized multi-party conference	LI, SHIPENG
<a href="#">10869280</a>	Not Issued	30	06/15/2004	Scalable layered access control for multimedia	LI, SHIPENG

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<a href="#">11226590</a>	Not Issued	30	09/14/2005	Efficient integrated digital video transcoding	LI, SHIPENG
<a href="#">11254843</a>	Not Issued	30	10/20/2005	Architecture for scalable video coding applications	LI, SHIPENG
<a href="#">11263081</a>	Not Issued	30	10/31/2005	Capture-intention detection for video content analysis	LI, SHIPENG
<a href="#">11263709</a>	Not Issued	30	11/01/2005	Template-based multimedia capturing	LI, SHIPENG
<a href="#">11263718</a>	Not Issued	30	11/01/2005	Template-based multimedia authoring and sharing	LI, SHIPENG
<a href="#">11264357</a>	Not Issued	30	11/01/2005	Video booklet	LI, SHIPENG
<a href="#">11275103</a>	Not Issued	30	12/09/2005	Improved Video Coding	LI, SHIPENG

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Your Search was:

Last Name = LI

First Name = SHIPENG

Application#	Patent#	Status	Date Filed	Title	Inventor Name
<a href="#">11275400</a>	Not Issued	30	12/29/2005	Dynamic Search with Implicit User Intention Mining	LI, SHIPENG
<a href="#">11276364</a>	Not Issued	120	02/27/2006	Video Search and Services	LI, SHIPENG
<a href="#">11279003</a>	Not Issued	30	04/07/2006	Range and Cover Queries in Overlay Networks	LI, SHIPENG
<a href="#">11279793</a>	Not Issued	30	04/14/2006	Media Sharing And Authoring On The Web	LI, SHIPENG
<a href="#">11280095</a>	Not Issued	30	11/16/2005	Seamless switching of scalable video bitstreams	LI, SHIPENG
<a href="#">11280619</a>	Not Issued	30	11/16/2005	Seamless switching of scalable video bitstreams	LI, SHIPENG
<a href="#">11290622</a>	Not Issued	30	11/30/2005	Multi-view video coding based on temporal and view decomposition	LI, SHIPENG
<a href="#">11301334</a>	Not Issued	30	12/12/2005	Augmented navigation system	LI, SHIPENG
<a href="#">11363853</a>	Not Issued	25	02/27/2006	System and method for interworking communication protocols to provide supplementary services	LI, SHIPENG
<a href="#">11380619</a>	Not Issued	30	04/27/2006	GUIDED RANDOM SEEK SUPPORT FOR MEDIA STREAMING	LI, SHIPENG
<a href="#">11381951</a>	Not Issued	30	05/05/2006	Peer-to-Peer Networks with Protections	LI, SHIPENG
<a href="#">11419464</a>	Not Issued	20	05/19/2006	MPEG-4 ENCRYPTION ENABLING TRANSCODING WITHOUT DECRYPTION	LI, SHIPENG
<a href="#">11419468</a>	Not Issued	30	05/19/2006	JPEG2000 SYNTAX-COMPLIANT ENCRYPTION WITH FULL SCALABILITY	LI, SHIPENG
<a href="#">11457705</a>	Not	25	07/14/2006	Computation Scheduling and	LI, SHIPENG

	Issued			Allocation for Visual Communication	
<u>11460217</u>	Not Issued	25	07/26/2006	Bitstream Switching in Multiple Bit-Rate Video Streaming Environments	LI, SHIPENG
<u>11462580</u>	Not Issued	30	08/04/2006	Wyner-Ziv and Wavelet Video Coding	LI, SHIPENG
<u>11465938</u>	Not Issued	30	08/21/2006	Timestamp-Independent Motion Vector Prediction for Predictive (P) and Bidirectionally Predictive (B) Pictures	LI, SHIPENG
<u>11525059</u>	Not Issued	30	09/20/2006	Spatiotemporal prediction for bidirectionally predictive(B) pictures and motion vector prediction for multi-picture reference motion compensation	LI, SHIPENG
<u>11537947</u>	Not Issued	30	10/02/2006	Request Bits Estimation for a Wyner-Ziv Codec	LI, SHIPENG
<u>11557269</u>	Not Issued	30	11/07/2006	Joint Channel Assignment and Routing in Wireless Networks	LI, SHIPENG
<u>11558755</u>	Not Issued	25	11/10/2006	Image Compression Based On Parameter-Assisted Inpainting	LI, SHIPENG
<u>11560680</u>	Not Issued	30	11/16/2006	Dynamic Channel Assignment and Connectivity Maintenance in Wireless Networks	LI, SHIPENG
<u>11613972</u>	Not Issued	20	12/20/2006	Offline Motion Description for Video Generation	LI, SHIPENG
<u>11615537</u>	Not Issued	30	03/29/2007	Object-Based Image Inpainting	LI, SHIPENG
<u>11626251</u>	Not Issued	25	01/23/2007	Automatically Inserting Advertisements into Source Video Content Playback Streams	LI, SHIPENG
<u>11627171</u>	Not Issued	25	01/25/2007	Strategies for Compressing Textures	LI, SHIPENG
<u>11627228</u>	Not Issued	25	01/25/2007	Strategies For Lossy Compression Of Textures	LI, SHIPENG
<u>11688165</u>	Not Issued	25	03/19/2007	Smart Video Presentation	LI, SHIPENG
<u>11704543</u>	Not Issued	30	02/09/2007	Smart video thumbnail	LI, SHIPENG
<u>11736900</u>	Not Issued	17	04/18/2007	Vision-Based Compression	LI, SHIPENG
<u>11767410</u>	Not Issued	17	06/22/2007	Image Advertising System	LI, SHIPENG

<u>11768862</u>	Not Issued	17	06/26/2007	Video Coding Using Spatio-Temporal Texture Synthesis	LI, SHIPENG
<u>11771219</u>	Not Issued	19	06/29/2007	Automatic Video Recommendation	LI, SHIPENG
<u>60005738</u>	Not Issued	159	10/20/1995	ADAPTIVE VECTOR TRANSFORM CODING METHOD FOR IMAGE AND VIDEO COMPRESSION	LI, SHIPENG
<u>60020768</u>	Not Issued	159	06/28/1996	NSHAPE ADAPTIVE VT CODING METHOD FOR IMAGE AND VIDEO COMPRESSION	LI, SHIPENG
<u>60020776</u>	Not Issued	159	06/28/1996	BACKWARD COMPATIBLE VT CODING METHOD FOR IMAGE AND VIDEO COMPRESSION	LI, SHIPENG
<u>60084632</u>	Not Issued	159	05/07/1998	APPARATUS AND METHOD FOR PROCESSING MPEG-LIKE INFORMATION	LI, SHIPENG
<u>60090815</u>	Not Issued	159	06/26/1998	GENERIC EFFICIENT SPATIALLY-SCALABLE LOSSLESS BINARY SHAPE CODING TECHNIQUE	LI, SHIPENG
<u>60099379</u>	Not Issued	159	09/08/1998	WAVELET DECOMPOSITION SCHEME FOR EFFICIENT SCALABLE SHAPE CODING IN VISUAL OBJECT TEXTURE CODING	LI, SHIPENG
<u>60103012</u>	Not Issued	159	10/05/1998	SPATIALLY SCALABLE BINARY SHAPE CODING SCHEME	LI, SHIPENG
<u>60169066</u>	Not Issued	159	12/03/1999	ROBUST IMAGE REPRESENTATION OVER ERROR- PRONE CHANNELS	LI, SHIPENG
<u>60217638</u>	Not Issued	159	07/11/2000	Error resilience methods in the enhancement layer bitstream of scalable video coding	LI, SHIPENG
<u>60255982</u>	Not Issued	159	12/15/2000	Drifting reduction and macroblock based control in progressive fine granularity scalable video coding	LI, SHIPENG
<u>60351891</u>	Not Issued	159	01/25/2002	Seamless switching of scalable video bitstreams for efficient streaming	LI, SHIPENG
<u>60352127</u>	Not Issued	159	01/25/2002	Direct prediction in interlace coding scheme	LI, SHIPENG
<u>60355071</u>	Not Issued	159	02/08/2002	Seamless switching of video bitstreams	LI, SHIPENG

<a href="#">60376005</a>	Not Issued	159	04/26/2002	Video coding methods and arrangements	LI, SHIPENG
<a href="#">60385965</a>	Not Issued	159	06/03/2002	Spatiotemporal prediction for bidirectionally predictive (B) frames and motion vector prediction for multi-frame reference motion compensation	LI, SHIPENG
<a href="#">60393894</a>	Not Issued	159	07/05/2002	Rate/distortion optimization techniques for image and video compression	LI, SHIPENG
<a href="#">60397187</a>	Not Issued	159	07/19/2002	Timestamp independent motion vector prediction for P and B frames with division elimination	LI, SHIPENG

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## Inventor Name Search Result

Your Search was:

Last Name = ZHANG

First Name = YA-QIN

Application#	Patent#	Status	Date Filed	Title	Inventor Name
<a href="#">08096148</a>	<a href="#">5477272</a>	150	07/22/1993	VARIABLE-BLOCK SIZE MULTI-RESOLUTION MOTION ESTIMATION SCHEME FOR PYRAMID CODING	ZHANG, YA-QIN
<a href="#">08117518</a>	<a href="#">5495292</a>	150	09/03/1993	INTER-FRAME WAVELET TRANSFORM CODER FOR COLOR VIDEO COMPRESSION	ZHANG, YA-QIN
<a href="#">08223206</a>	<a href="#">5521988</a>	150	04/05/1994	VECTOR TRANSFORM CODER WITH MULTI-LAYERED CODEBOOKS AND DYNAMIC BIT ALLOCATION	ZHANG, YA-QIN
<a href="#">08223293</a>	Not Issued	161	04/05/1994	METHOD AND APPARATUS OF USING VECTOR SUBBAND CODER (VSC) FOR IMAGE COMPRESSION	ZHANG, YA-QIN
<a href="#">08735869</a>	<a href="#">6084908</a>	150	10/23/1996	APPARATUS AND METHOD FOR QUADTREE BASED VARIABLE BLOCK SIZE MOTION ESTIMATION	ZHANG, YA-QIN
<a href="#">08735871</a>	<a href="#">5764805</a>	150	10/23/1996	LOW BIT RATE VIDEO ENCODER USING OVERLAPPING BLOCK MOTION COMPENSATION AND ZEROTREE WAVELET CODING	ZHANG, YA-QIN
<a href="#">08736114</a>	<a href="#">6483946</a>	150	10/24/1996	APPARATUS AND METHOD FOR ENCODING ZEROTREES GENERATED BY A WAVELET-BASED CODING TECHNIQUE	ZHANG, YA-QIN
<a href="#">08738228</a>	<a href="#">6160846</a>	150	10/23/1996	APPARATUS AND METHOD FOR OPTIMIZING THE RATE CONTROL IN A CODING SYSTEM	ZHANG, YA-QIN
<a href="#">08884666</a>	<a href="#">6084912</a>	150	06/27/1997	A VERY LOW BIT RATE VIDEO	ZHANG, YA-QIN



				CODING/DECODING METHOD AND APPARATUS	
<u>08948541</u>	<u>6144701</u>	150	10/10/1997	STEREOSCOPIC VIDEO CODING AND DECODING APPARATUS AND METHOD	ZHANG, YA-QIN
<u>09002258</u>	<u>6408101</u>	150	12/31/1997	APPARATUS AND METHOD FOR EMPLOYING M-ARY PYRAMIDS TO ENHANCE FEATURE-BASED CLASSIFICATION AND MOTION ESTIMATION	ZHANG, YA-QIN
<u>09022349</u>	<u>6243497</u>	150	02/11/1998	APPARATUS AND METHOD FOR OPTIMIZING THE RATE CONTROL IN A CODING SYSTEM	ZHANG, YA-QIN
<u>09086838</u>	<u>6148027</u>	150	05/29/1998	METHOD AND APPARATUS FOR PERFORMING HIERARCHICAL MOTION ESTIMATION USING NONLINEAR PYRAMID	ZHANG, YA-QIN
<u>09099617</u>	<u>6690833</u>	150	06/18/1998	APPARATUS AND METHOD FOR MACROBLOCK BASED RATE CONTROL IN A CODING SYSTEM	ZHANG, YA-QIN
<u>09106706</u>	<u>6208692</u>	150	06/29/1998	APPARATUS AND METHOD FOR PERFORMING SCALABLE HIERARCHICAL MOTION ESTIMATION	ZHANG, YA-QIN
<u>09106707</u>	<u>6560371</u>	150	06/29/1998	APPARATUS AND METHOD FOR EMPLOYING M-ARY PYRAMIDS WITH N-SCALE TILING	ZHANG, YA-QIN
<u>09144240</u>	<u>6850564</u>	150	08/31/1998	APPARATUS AND METHOD FOR DYNAMICALLY CONTROLLING THE FRAME RATE OF VIDEO STREAMS	ZHANG, YA-QIN
<u>09177219</u>	<u>6298167</u>	150	10/22/1998	VECTOR WAVELET ORGANIZATION	ZHANG, YA-QIN
<u>09285582</u>	<u>6434196</u>	150	04/02/1999	METHOD AND APPARATUS FOR ENCODING VIDEO INFORMATION	ZHANG, YA-QIN
<u>09295526</u>	<u>6496607</u>	150	04/21/1999	METHOD AND APPARATUS FOR REGION-BASED ALLOCATION OF PROCESSING RESOURCES AND CONTROL OF INPUT IMAGE FORMATION	ZHANG, YA-QIN

<u>09454489</u>	<u>6614936</u>	150	12/03/1999	SYSTEM AND METHOD FOR ROBUST VIDEO CODING USING PROGRESSIVE FINE-GRANULARITY SCALABLE (PFGS) CODING	ZHANG, YA-QIN
<u>09464671</u>	<u>7093028</u>	150	12/15/1999	USER AND CONTENT AWARE OBJECT-BASED DATA STREAM TRANSMISSION METHODS AND ARRANGEMENTS	ZHANG, YA-QIN
<u>09468985</u>	<u>6785329</u>	150	12/21/1999	AUTOMATIC VIDEO OBJECT EXTRACTION	ZHANG, YA-QIN
<u>09505254</u>	<u>6700933</u>	150	02/15/2000	SYSTEM AND METHOD WITH ADVANCE PREDICTED BIT-PLANE CODING FOR PROGRESSIVE FINE-GRANULARITY SCALABLE (PFGS) VIDEO CODING	ZHANG, YA-QIN
<u>09561686</u>	<u>6621935</u>	150	05/01/2000	SYSTEM AND METHOD FOR ROBUST IMAGE REPRESENTATION OVER ERROR-PRONE CHANNELS	ZHANG, YA-QIN
<u>09575896</u>	<u>6501794</u>	150	05/22/2000	SYSTEM AND RELATED METHODS FOR ANALYZING COMPRESSED MEDIA CONTENT	ZHANG, YA-QIN
<u>09594401</u>	<u>6351491</u>	150	06/15/2000	Apparatus and method for optimizing the rate control for multiscale entropy encoding	ZHANG, YA-QIN
<u>09597976</u>	<u>6597739</u>	150	06/20/2000	THREE-DIMENSIONAL SHAPE-ADAPTIVE WAVELET TRANSFORM FOR EFFICIENT OBJECT-BASED VIDEO CODING	ZHANG, YA-QIN
<u>09598189</u>	<u>6567081</u>	150	06/20/2000	METHODS AND ARRANGEMENTS FOR COMPRESSING IMAGE-BASED RENDERING (IBR) DATA USING ALIGNMENT AND 3D WAVELET TRANSFORM TECHNIQUES	ZHANG, YA-QIN
<u>09599160</u>	<u>7023922</u>	150	06/21/2000	VIDEO CODING SYSTEM AND METHOD USING 3-D DISCRETE WAVELET TRANSFORM AND ENTROPY CODING WITH MOTION INFORMATION	ZHANG, YA-QIN

<u>09599807</u>	<u>6795504</u>	150	06/21/2000	MEMORY EFFICIENT 3-D WAVELET TRANSFORM FOR VIDEO CODING WITHOUT BOUNDARY EFFECTS	ZHANG, YA-QIN
<u>09785829</u>	<u>6816194</u>	150	02/16/2001	SYSTEMS AND METHODS WITH ERROR RESILIENCE IN ENHANCEMENT LAYER BITSTREAM OF SCALABLE VIDEO CODING	ZHANG, YA-QIN
<u>09848706</u>	Not Issued	124	05/02/2001	Architecture and related methods for streaming media content through heterogeneous networks	ZHANG, YA-QIN
<u>09848848</u>	<u>7046672</u>	150	05/03/2001	ROBUST, INFERENTIALLY SYNCHRONIZED TRANSMISSION OF COMPRESSED TRANSPORT-LAYER-PROTOCOL HEADERS	ZHANG, YA-QIN
<u>09862410</u>	Not Issued	61	05/21/2001	Generalized differentiation methods and arrangements for adaptive multimedia communications	ZHANG, YA-QIN
<u>09865941</u>	<u>7260826</u>	150	05/25/2001	RESOURCE ALLOCATION IN MULTI-STREAM IP NETWORK FOR OPTIMIZED QUALITY OF SERVICE	ZHANG, YA-QIN
<u>09895870</u>	<u>6999432</u>	150	06/28/2001	CHANNEL AND QUALITY OF SERVICE ADAPTATION FOR MULTIMEDIA DELIVERY OVER WIRELESS NETWORKS	ZHANG, YA-QIN
<u>09960810</u>	<u>7177271</u>	150	09/21/2001	METHOD AND SYSTEM FOR MANAGING ADMISSION TO A NETWORK	ZHANG, YA-QIN
<u>09968380</u>	<u>7096034</u>	150	10/01/2001	SYSTEM AND METHOD FOR REDUCING POWER CONSUMPTION FOR WIRELESS COMMUNICATIONS BY MOBILE DEVICES	ZHANG, YA-QIN
<u>10007074</u>	<u>6907070</u>	150	11/08/2001	DRIFTING REDUCTION AND MACROBLOCK-BASED CONTROL IN PROGRESSIVE FINE GRANULARITY SCALABLE VIDEO CODING	ZHANG, YA-QIN
<u>10186298</u>	<u>6996173</u>	150	06/27/2002	SEAMLESS SWITCHING OF SCALABLE VIDEO BITSTREAMS	ZHANG, YA-QIN
<u>10317697</u>	<u>6917719</u>	150	12/12/2002	METHOD AND APPARATUS FOR REGION-BASED	ZHANG, YA-QIN

				ALLOCATION OF PROCESSING RESOURCES AND CONTROL OF INPUT IMAGE FORMATION	
<a href="#">10402882</a>	Not Issued	71	03/28/2003	Accelerating video decoding using a graphics processing unit	ZHANG, YA-QIN
<a href="#">10612441</a>	<a href="#">6956972</a>	150	07/02/2003	SYSTEM AND METHOD FOR ROBUST VIDEO CODING USING PROGRESSIVE FINE-GRANULARITY SCALABLE (PFGS) CODING	ZHANG, YA-QIN
<a href="#">10625364</a>	Not Issued	41	07/23/2003	System and method for robust image representation over error-prone channels	ZHANG, YA-QIN
<a href="#">10890355</a>	Not Issued	30	07/13/2004	Automatic video object extraction	ZHANG, YA-QIN
<a href="#">10897273</a>	Not Issued	30	08/06/2004	Memory efficient 3-D wavelet transform for video coding without boundary effects	ZHANG, YA-QIN
<a href="#">10901524</a>	Not Issued	30	07/29/2004	Video coding using wavelet transform and sub-band transposition	ZHANG, YA-QIN
<a href="#">10901621</a>	Not Issued	30	07/29/2004	Video coding using bit-plane coding based on significance of neighboring samples	ZHANG, YA-QIN
<a href="#">10901740</a>	Not Issued	30	07/29/2004	Video coding using wavelet transform of pixel array formed with motion information	ZHANG, YA-QIN

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Application#	Patent#	Status	Date Filed	Title	Inventor Name
<a href="#">10945011</a>	Not Issued	30	09/20/2004	Systems and methods with error resilience in enhancement layer bitstream of scalable video coding	ZHANG, YA-QIN
<a href="#">10957037</a>	Not Issued	41	10/01/2004	Presentation facilitation	ZHANG, YA-QIN
<a href="#">10977417</a>	Not Issued	30	10/29/2004	Systems and methods with error resilience in enhancement layer bitstream of scalable video coding	ZHANG, YA-QIN
<a href="#">10977590</a>	Not Issued	30	10/29/2004	Systems and methods with error resilience in enhancement layer bitstream of scalable video coding	ZHANG, YA-QIN
<a href="#">10977773</a>	Not Issued	30	10/29/2004	Systems and methods with error resilience in enhancement layer bitstream of scalable video coding	ZHANG, YA-QIN
<a href="#">10978277</a>	Not Issued	30	10/29/2004	Systems and methods with error resilience in enhancement layer bitstream of scalable video coding	ZHANG, YA-QIN
<a href="#">10984159</a>	Not Issued	30	11/09/2004	Video coding system and method using 3-D discrete wavelet transform and entropy coding with motion information	ZHANG, YA-QIN
<a href="#">10984467</a>	Not Issued	30	11/09/2004	Video coding system and method using 3-D discrete wavelet transform and entropy coding with motion information	ZHANG, YA-QIN
<a href="#">11044405</a>	Not Issued	30	01/27/2005	Resource allocation in multi-stream IP network for optimized quality of service	ZHANG, YA-QIN
<a href="#">11070905</a>	Not Issued	30	03/03/2005	Drifting reduction and macroblock-based control in progressive fine granularity scalable video coding	ZHANG, YA-QIN
<a href="#">11082496</a>	Not Issued	30	03/17/2005	Robust, inferentially synchronized transmission of compressed	ZHANG, YA-QIN

				transport-layer-protocol headers	
<u>11120244</u>	Not Issued	95	05/02/2005	SYSTEM AND METHOD FOR ROBUST VIDEO CODING USING PROGRESSIVE FINE-GRANULARITY SCALABLE (PFGS) CODING	ZHANG, YA-QIN
<u>11120249</u>	7130473	150	05/02/2005	SYSTEM AND METHOD FOR ROBUST VIDEO CODING USING PROGRESSIVE FINE-GRANULARITY SCALABLE (PFGS) CODING	ZHANG, YA-QIN
<u>11203954</u>	Not Issued	30	08/15/2005	Robust, inferentially synchronized transmission of compressed transport-layer-protocol headers	ZHANG, YA-QIN
<u>11218871</u>	Not Issued	30	09/02/2005	Ultra wideband device	ZHANG, YA-QIN
<u>11277260</u>	Not Issued	25	03/23/2006	Resource Allocation in Multi-Stream IP Network for Optimized Quality of Service	ZHANG, YA-QIN
<u>11277265</u>	Not Issued	25	03/23/2006	Resource Allocation in Multi-Stream IP Network for Optimized Quality of Service	ZHANG, YA-QIN
<u>11280095</u>	Not Issued	30	11/16/2005	Seamless switching of scalable video bitstreams	ZHANG, YA-QIN
<u>11280619</u>	Not Issued	30	11/16/2005	Seamless switching of scalable video bitstreams	ZHANG, YA-QIN
<u>60007013</u>	Not Issued	159	10/25/1995	LOW BIT RATE ENCODER USING OVERLAPPING BLOCK MOTION COMPENSATION AND ZEROTREE WAVELET CODING	ZHANG, YA-QIN
<u>60007014</u>	Not Issued	159	10/25/1995	APPARATUS AND METHOD FOR OPTIMIZING THE RATE CONTROL IN A BLOCK-BASED CODING SYSTEM	ZHANG, YA-QIN
<u>60007016</u>	Not Issued	159	10/25/1995	APPARATUS AND METHOD FOR CONTROLLING THE CODING OF A WAVELET-BASED ENCODER	ZHANG, YA-QIN
<u>60020514</u>	Not Issued	159	06/28/1996	APPARATUS AND METHOD FOR QUADTREE BASED VARIABLE BLOCK SIZE MOTION ESTIMATION	ZHANG, YA-QIN
<u>60020673</u>	Not Issued	159	06/28/1996	VERY LOW BIT RATE VIDEO CODEC USING FRAME STABILIZATION, 2-PASS	ZHANG, YA-QIN

				OBJECT-ORIENTED MOTION COMPENSATION AND PATTERN LEARNING	
<u>60020852</u>	Not Issued	159	06/28/1996	APPARATUS AND METHOD FOR ENCODING ZEROTREES GENERATED BY A WAVELET- BASED CODING TECHNIQUE	ZHANG, YA-QIN
<u>60020872</u>	Not Issued	159	06/28/1996	APPARATUS AND METHOD FOR OPTIMIZING THE RATE CONTROL IN A BLOCK-BASED CODING SYSTEM	ZHANG, YA-QIN
<u>60027934</u>	Not Issued	159	10/11/1996	STEREOSCOPIC VIDEO CODING	ZHANG, YA-QIN
<u>60037056</u>	Not Issued	159	02/12/1997	APPARATUS AND METHOD FOR OPTIMIZING THE RATE CONTROL IN A CODING SYSTEM	ZHANG, YA-QIN
<u>60048181</u>	Not Issued	159	05/30/1997	HIERARCHICAL MOTION ESTIMATION USING NONLINEAR PYRAMID	ZHANG, YA-QIN
<u>60052437</u>	Not Issued	159	07/14/1997	MACROBLOCK LAYER RATE CONTROL IN A VIDEO CODER	ZHANG, YA-QIN
<u>60090813</u>	Not Issued	159	06/26/1998	MACROBLOCK CLASSIFICATION BASED ON FACE, EDGE AND MOTION DETECTION AND APPLICATIONS TO ADAPTIVE BIT ALLOCATION	ZHANG, YA-QIN
<u>60090814</u>	Not Issued	159	06/26/1998	DYNAMIC FRAME RATE CONTROL FOR VIDEO STREAMS	ZHANG, YA-QIN
<u>60114834</u>	Not Issued	159	01/06/1999	ARCHITECTURE AND IMPLEMENTATION STAGES FOR A MPEG-2 CODER USED IN INTERACTIVE APPLICATIONS	ZHANG, YA-QIN
<u>60140545</u>	Not Issued	159	06/23/1999	RATE-DISTORTION BASED OPTIMIZATION FOR ZEROTREE ENTROPY WAVELET CODING	ZHANG, YA-QIN
<u>60169066</u>	Not Issued	159	12/03/1999	ROBUST IMAGE REPRESENTATION OVER ERROR- PRONE CHANNELS	ZHANG, YA-QIN
<u>60177452</u>	Not Issued	159	01/21/2000	Methods And Arrangements For Compresing Image-Based	ZHANG, YA-QIN

				Rendering (IBR) Data Using Alignment And 3D Wavelet Transform Techniques	
<a href="#">60208659</a>	Not Issued	159	05/31/2000	Resource allocation in multi-stream ip network for optimized quality of service	ZHANG, YA-QIN
<a href="#">60217638</a>	Not Issued	159	07/11/2000	Error resilience methods in the enhancement layer bitstream of scalabe video coding	ZHANG, YA-QIN
<a href="#">60218375</a>	Not Issued	159	07/13/2000	Channel and Qos adaptive scheme for multimedia delivery over W-CDMA	ZHANG, YA-QIN
<a href="#">60249712</a>	Not Issued	159	11/16/2000	A Robust header compression scheme for TCP/IP	ZHANG, YA-QIN
<a href="#">60255982</a>	Not Issued	159	12/15/2000	Drifting reduction and macroblock based control in progressive fine granularity scalable video coding	ZHANG, YA-QIN
<a href="#">60351891</a>	Not Issued	159	01/25/2002	Seamless switching of scalable video bitstreams for efficient streaming	ZHANG, YA-QIN
<a href="#">60352127</a>	Not Issued	159	01/25/2002	Direct prediction in interlace coding scheme	ZHANG, YA-QIN

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